LAB.GRUPPEN

LAB.GRUPPEN E-SERIES POWER AMPLIFIERS

Designed for ease of installation, these EnergyStar™ 2.1-compliant power amplifiers provide sonic performance and high power density in a single rack space. They feature a patented IDEEA output stage based on Class 'D' topology and new Rail Sensing Limiter (RSL) that optimizes output for various load conditions. Asymmetric loading allows "mixing and matching" of loads with varying impedances for maximum system efficiency. Other notable features are 50Hz high-pass filter (switchable per channel), Phoenix terminals, and signal-based auto-power-off/-power-on. Comprehensive circuit protection and fault indication also included.

ITEM	(ST/CH) 2Ω	4Ω	8Ω	16Ω	PRICE
E4:2	200W	200W	100W	50W	CALL
E8:2	400W	400W	200W	100W	CALL
E12:2	600W	600W	300W	150W	CALL

PEAVEY ARCHITECTURAL UMA™ SERIES MIXER/AMPLIFIERS

All models include one module port (for any single-space MMA™ Series mixer modules). Has rear panel level control for modules, 1 balanced mic/telephone input (for paging), 1 balanced mic/line input, 2 balanced line inputs, a non-mutable balanced output, a 4Ω direct output, and 8Ω , 70V, and 100V transformer-balanced power outputs. Each unit also operates using up to 5 input channels total. Rack ears are included for optional mounting. Also sports a priority/muting system with internal signal override, external switch closure capability, and threshold control.

ITEM	DESCRIPTION	PRICE
UMA352	35W mixer/amp	355.81
UMA752	75W mixer/amp	439.11
UMA1502	150W mixer/amp	638.00

PEAVEY ARCHITECTURAL MMA SERIES MODULAR 9-CHANNEL MIXER/AMPS

All models include 8 module ports configurable for use with plug-in mixer modules, a dedicated program input (Channel 9), SPS™ speaker protection circuitry, bass and treble controls, 2 independent mute buses, a selectable low-cut filter, and external volume control capability. All models can handle 70V, 25V, 8Ω, and 4Ω loads. The MMA™ 8752 and MMA™ 81502 can also handle 100V export loads. Includes rack ears for optional rackmounting (2RU).

ITEM	DESCRIPTION	PRICE
MMA8752	75W RMS, 120V 9-channel mixer/amp	474.81
MMA81502	150W RMS, 120/240V 9-channel mixer/amp	534.31
MMA Series Plug-In Mixer Modules (all single-space except PEQM)		
AUX-2	Line level input module with RCA/screw terminal connector	44.63
AUX-SR	Line level input module w/ext. remote control, screw terminal connector.	49.73
BTM-S	Transformer-balanced line level input module	81.92
MPE-S3	Mic preamp module with screw terminal connector, phantom power	44.75
MPT-S2	Transformer-balanced mic/line input module with screw terminal connector, phantom power, EQ	67.42
MPT-X2	Mic preamp module with transformer-balanced input, 24 VDC phantom power	54.80
OPM	Output module with Euro-style input connector	54.80
PEQM	2-space, 3-band parametric EQ module with +/-15dB boost/cut, 4 octave band freq. sweep, 120 dB dynamic range, 2 reconfigurable inputs & outputs, RCA line in/thru, Euro-style input	54.80
SEM	Signal enhancement preamp module with vocal clarity enhancement, bass filter, RCA in & out	54.80
TMP-AUTO	Transformer mic preamp with balanced mic level input, adjustable gate threshold, selectable phantom power and phase inversion, Euro-style input	67.42
TPM-S2	Telephone paging mic preamp module with transformer-balanced input, preamp gain & low cut filter, Euro-style input	67.42

BEHRINGER EUROCOM MA SERIES MIXER-AMPLIFIERS

These products integrate extensive signal routing, high-efficiency electronics and low-noise design into an aesthetically appealing design. All models offer priority muting, dedicated paging input, remote control as well as record and Zone 2 outputs. MA6000M and MA6018 add 2-band EQ per input, direct outputs, and automatic mixing as well as the ability to link multiple units for easy system expansion. The MA400M and MA6000M are mixers only, ideal for installations where amplification is already available.

ITEM	DESCRIPTION	PRICE
MA4008	Mixer/amplifier, 50W, 8 inputs, 70V and 4Ω	473.99
MA4000M	Mixer only, 8 inputs	338.99
MA6018	Mixer/amplifier, 180W, 12 inputs, 70V and 4Ω	764.99
MA6000M	Mixer only, 12 inputs	560.99

BEHRINGER EUROCOM SN SERIES MIXER-AMPLIFIERS

These powerful yet compact mixer-amplifiers offer a wealth of features including Class 'D' design and DC/thermal overload protection. All models offer EQ, voice-activated program muting, 3 mic inputs, terminal strip output and up to 85% energy efficiency courtesy of the quiet and efficient switch-mode power supply. The SN2204, SN2208, SN2404 and SN2408 feature extra I/O options, phantom power, as well as the ability to operate 70V/100V and 4Ω loads simultaneously.

ITEM	DESCRIPTION	PRICE
SN2104	Mixer-amplifier, 40W	CALL
SN2108	As above, with 80W	237.99
SN2204	Dual mixer-amp, XLR/TRS connectors, 40W	CALL
SN2208	As above, with 80W	CALL
SN2404	Dual mixer-amp, XLR/TRS connectors, paging input, preamp out, 40W	CALL
SN2408	As above, with 80W	372.99

ATLAS SOUND TSD SERIES POWER AMPLIFIERS

TSD-PA122G

TSD "Time Saving Device" power amplifiers feature rear-panel balanced Phoenix-style connectors, front panel gain control, peak/signal/power LEDs, and removable knobs – which allows for easy installation of the included front panel security cover. Models TSD-PA122G and TSD-PA252G are stereo, and provide 12W/channel at 4Ω (24W bridged mono at 8Ω) and 25W/channel at 4Ω (50W bridged mono at 8Ω) respectively, as well as providing unbalanced RCA inputs. Model TSD-PA10VG is mono and will drive up to (8) 25/70/100V speakers (tapped @ 1W ea.), while the mono TSD-PA20VG will drive up to (16) 25/70/100V speakers.

ITEM	DESCRIPTION	(ST/CH) 4Ω	8Ω BRIDGED	PRICE
TSD-PA122G	Stereo power amplifier	12W	24W	170.50
TSD-PA252G	Stereo power amplifier	25W	50W	215.50
TSD-PA10VG	10W, 25/70/100V mono power amplifier			120.50
TSD-PA20VG	20W, 25/70/100V mono power amplifier			181.50

ATLAS SOUND AA SERIES MIXER AMPLIFIERS

AA35

This line is designed for commercial audio applications. The AA35 is a 3-input mixer amp for distributed paging and background music (BGM) systems, and where music on hold (MOH) paging is required. The AA35 has 1 mic in with phantom power on a phoenix connector, 2 stereo line inputs, and dual line outputs. A dipswitch selectable matrix allows the creation of a zone 2 mix from any or all of the input sources for MOH applications. 25V, 70.7V and 8Ω outputs are provided. The AA60 is a 60W version of the AA35. The AA120 is a 120W mixer amp with 6 input channels (5-mic/line with phantom, and 1 stereo aux input). It also has a unique bridge in/out feature to combine multiple amps in ballroom applications without need for external relays and preamp out/power amp in for patching external processors. The AA240 shares the same preamp section as the AA120 but has 240W of power. The AA120M shares the bridge I/O, and VCA features of the AA120 but has 4 mic inputs, 1 stereo line (BGM) input, and room for one optional module card input. It has input trim control on each channel, and a separate zone 2/3 matrix per channel. VCA control is assignable to Ch5 BGM input or main mix bus.

ITEM	DESCRIPTION	PRICE
AA35	35W 3-input mixer amp	223.50
AA60	60W 3-input mixer amp	314.50
AA120	120W 6-input mixer amp	516.50
AA240	240W 6-input mixer amp	728.50
AA120M	120W 6-input mixer amp with module input	569.50
AAIT600	600Ω isolation input transformer for AA series	40.58
AARMK2-0	Optional rack kit for AA120, AA240 or AA120M	27.41
AARMK2-5	Optional rack kit for AA35	31.41
AAVCC5	5-piece security cover kit for all AA series amps	6.86
AASMG	Optional sound masking module for AA120M only	97.50
AAML	Optional mic/line input module with VCA for AA120M only	66.50
AATG	Optional tone/chime module for AA120M only	70.50

ATLAS SOUND POWER AMPS

CP700

PA601

The PA601 is for distributed background music systems where music on hold or advanced mix functionality is not required. It features 60W of power at 4Ω or 70.7V in a compact package with rear mounted RCA I/O. A unique loudness contour control provides the right amount of low frequency enhancement for low level listening environments. The CP400 and CP700 are dual-channel, professional grade power amps for demanding contractor applications. Both feature esoteric-grade torioidal output transformers and separate power supplies drive the 2 independent channels to ensure maximum channel separation and low distortion. Inputs are XLR and terminal blocks.

ITEM	DESCRIPTION	PRICE
PA601	60W @ 70.7C, 60W @ 4Ω (direct coupled mode)	299.50
CP400	200W @ 70.7V, 240W/channel @ 4Ω (direct coupled mode)	602.50
CP700	350W @ 70.7V, 400W/channel @ 4Ω (direct coupled mode)	728.50

EV PA SERIES AMPLIFIERS

These compact rackmount power amps are designed for public address and paging/background music with 3-pin Phoenix-style balanced inputs. All models can be bridged in multi-channel models.

ITEM	CHANNELS	8Ω	4Ω	100V	70V	PRICE
PA2450L	2	200W	450W	N/A	N/A	662.00
PA4150L	4	75W	150W	N/A	N/A	774.00
PA2400T	2	200W	400W	400W	400W	1008.00
PA2250T	2	125W	250W	250W	250W	795.00
PA1250T	1	N/A	N/A	250W	250W	584.00

NEW!

INTER-M AMERICAS INC. MA-U SERIES MIXER-AMPLIFIERS

These mixer/amplifiers are ideal for a variety of applications including education, fitness, retail and hospitality. All models include a digital portable media player that plays MP3/WMA/WAV audio files, distributed to up to 5 speaker zones, either independently or all zones simultaneously. The switch mode power supply guarantees that these Class 'D' amps deliver high output with low power consumption while the 5-band EQ and VCA remote master volume ensure audio quality. Other features include front panel Chime & Siren with external trigger, external mute and telephone paging input, front panel USB connector for flash drives, 10-segment LED meter and front-panel 1/8" jack for auxiliary sound sources.

ITEM	DESCRIPTION	PRICE
MA-206USB	60W @ 4Ω, LOW-Z, 100V, 70V 6-input mixer/amplifier	481.75
MA-212USB	120W @ 4Ω, LOW-Z, 100V, 70V 6-input mixer/amplifier	526.56
MA-224USB	240W @ 4Ω, LOW-Z, 100V, 70V 6-input mixer/amplifier	566.88

NEW!

INTER-M AMERICAS INC 6300 SERIES COMMERCIAL POWER AMPLIFIERS

These rugged and reliable 3RU amps are flexible and powerful enough for almost any installed sound application, such as sound reinforcement, background music or paging. The onboard 400Hz high pass filter and rear panel -12dB gain trim pot protect both the amplifier and the speakers from equipment-damaging transients, while the front-panel LED meter allows for visual tracking of output levels. These extremely reliable amps offer a comprehensive thermal/electrical protection circuit and also feature thermistor-protected output and quiet multi-stage fans. All models operate at either 4/8Ω or 70/100V, and offer a 95dB signal-to-noise ratio and less than 1% THD.

ITEM	DESCRIPTION	PRICE
PA-6312	120W, 4/8Ω or 70/100V power amplifier	429.50
PA-6324	As above, 240W version	481.75
PA-6336	As above, 360W version	535.50
PA-6348	As above, 480W version	680.13

NEXKON RA1060 DIGITAL MIXING P.A. AMPLIFIER

This compact mixing amp has front-panel volume control for each of 3 aux/line inputs, located on rear of unit. Mic input and gain controls for both mic channels (2nd mic input on back), as well as master volume, treble and bass controls are also located on the front. Also features rock, pop, classic, jazz and normal effects, with LED indicators for each on front.

ITEM	DESCRIPTION	PRICE
RA1060	Digital mixing PA amp	130.90

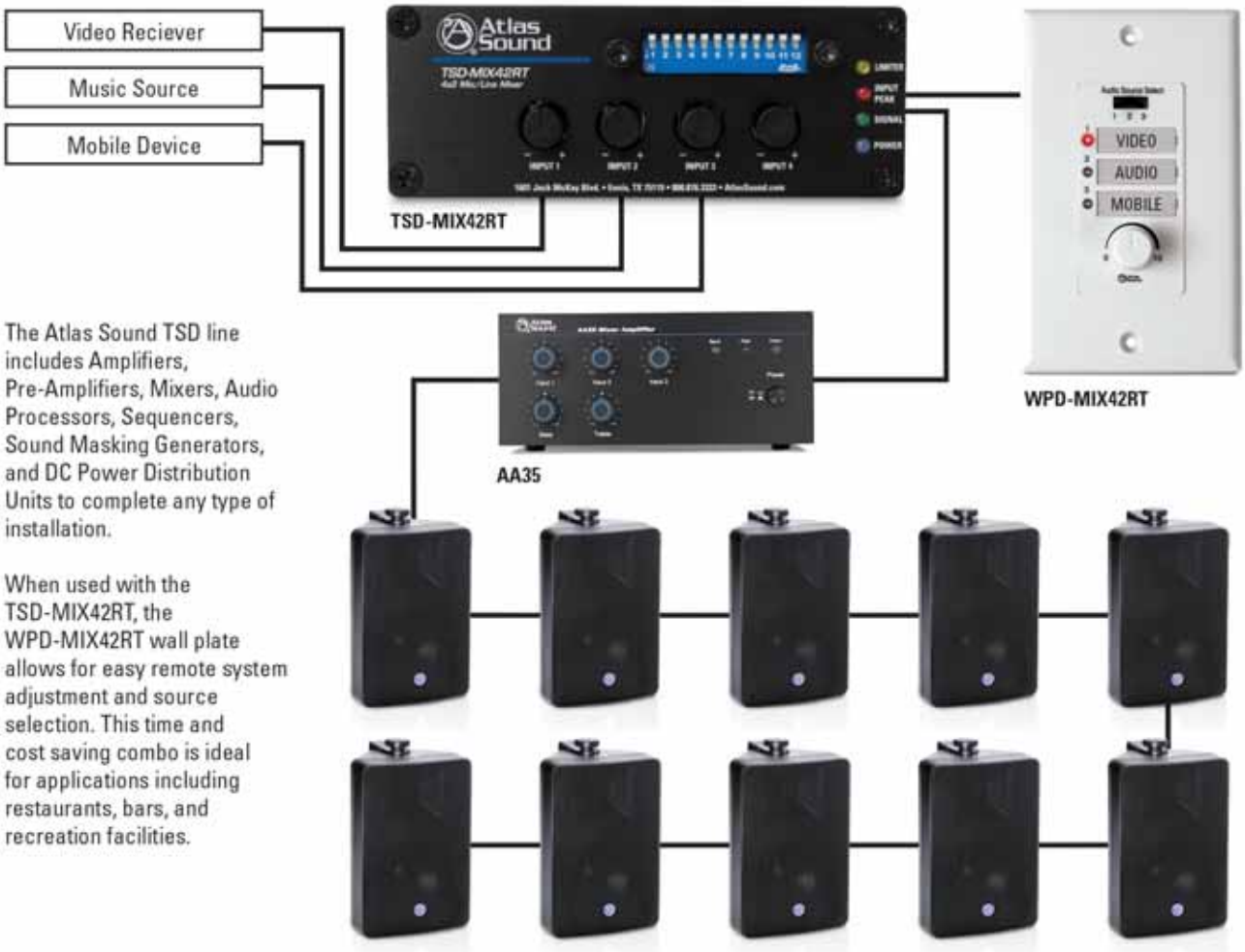
Time Saving Devices

ADD ON SOLUTIONS FOR OVERCOMING INSTALLATION OBSTICALS

Atlas Sound offers dozens of solutions designed to overcome specific installation obstacles in an easy and cost effective manner.

TSD-MIX42RT
4x2 Mic/Line Mixer
- Stereo or Mono Configuration
- One Balanced Mic/Line Input
- Three Unbalanced Stereo Line Inputs
- Priority Paging Via Contact Closure

WPD-MIX42RT
Wall Plate Input Select Switch
- Three Position Selector Switch
- 10kΩ Potentiometer
- Red LED Status Indicators



The Atlas Sound TSD line includes Amplifiers, Pre-Amplifiers, Mixers, Audio Processors, Sequencers, Sound Masking Generators, and DC Power Distribution Units to complete any type of installation.

When used with the TSD-MIX42RT, the WPD-MIX42RT wall plate allows for easy remote system adjustment and source selection. This time and cost saving combo is ideal for applications including restaurants, bars, and recreation facilities.

Example Restaurant/Bar Installation Using TSD-MIX42RT, WPD-MIX42RT, and AA35 Amplifier

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Atlas Sound

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BOGEN COMMUNICATIONS, INC.

CC SERIES MIXER AMPLIFIERS

Each model offers different features, allowing you to choose the model best suited to your application. These 40-watt rack-mountable amplifiers are half the width of conventional audio equipment, allowing two CC-Series amplifiers to be placed side-by-side. They are ideal for installations with limited setup space because they can fit easily in custom equipment racks, lecterns, compact bookshelf audio systems, etc. Features on all models include: Individual volume controls for each input, priority muting, individual phantom power for MIC inputs, bass/treble controls, REC output as well as peak, signal, and power indicators All are compatible with 70V, 25V, 4-ohm, and 8-ohm speaker systems. The CC4041 has two inputs; one balanced XLR mic/line and one RCA L/R input. The CC4041 has four intputs; three balanced XLR mic/line and one RCA L/R input. The CC4052 has 5 inputs: three balanced XLR mic/line, one RCA L/R input and one TEL input. The CC4052m has 6 inputs: three balanced XLR mic/line, one RCA L/R input, one TEL input, a USB input and SD card slot for media MP3/WMA files.

ITEM	DESCRIPTION	PRICE
CC4021	40W, 2-input mixer amp	153.78
CC4041	40W, 4-input mixer amp	170.87
CC4052	40W, 5-input mixer amp	205.04
CC4052M	40W, 6-input mixer amp with media player	239.21

BOGEN GOLD SEAL SERIES 70V MIXER/AMP Features 6 microphone inputs, 2 auxiliary inputs and 1 telephone paging input. XLR connectors are provided for mics 1-4; RCA jacks are provided for AUX; screw terminals for mics 5 and 6 and the telephone input. Output taps include: 8Ω, 25V, 25VCT, 70V and 100V, as well as direct 4Ω, 600Ω out (with accessory transformer), tape out, preamp out/power amp in, and booster out. They feature the Aphex Aural Exciter (a dual-function equalizer), phantom power for mics, precedence circuitry, automatic muting on telephone page, variable muting, vox sensitivity, automatic level control, remote volume control and low cut filter.

ITEM	DESCRIPTION	PRICE
GS35	35W	334.36
GS60	60W	409.96
GS100	100W	467.28
GS150	150W	538.02
GS250	250W	709.20
GSRPK/RK60	19" rack panel kit (all models)	35.56
GSTRC	Tamper resistant cover	30.45
WMT1A	Telephone line matching transformer	31.23

BOGEN CLASSIC SERIES The Classic models offer balanced low impedance mic inputs, a built-in telephone input, a mic precedence circuit and thermal and electrical circuit breakers for protection from excessive heat and shorted outputs/overloads. UL and CSA listed.

ITEM	DESCRIPTION	PRICE
C10	2 inputs (2 mic or 1 mic/1 aux), 10W	160.29
C20	2 inputs (2 mic or 1 mic/1aux), 20W	195.58
C35	3 inputs (2 mic/1 aux or 475.861 1 mic/2 aux), 35W	271.11
C60	3 inputs (2 mic/1 aux or mic/2 aux), 60W	352.39
C100	3 inputs (2 mic/1 aux or 1 mic/2 aux), 100W	406.61
Accessory Rack Kit		
RPK50	For C100C, C60C, C35C	43.03
RPK35B	For C20C, C10C	68.93

CROWN COMMERCIAL AUDIO AMPS Provide both 4Ω or 8Ω and constant-voltage outputs (70V and 100V) for use in a wide range of commercial applications. Easily configured for a range of uses such as paging, background music, security, and evacuation instructions. Features include balanced Phoenix-type mic/line inputs, screw-terminal speaker outputs, 4-tone generator, and priority muting.

ITEM	DESCRIPTION	PRICE
Mixer Amplifiers		
135MA	3 inputs into one channel 35W @ 8Ω amplifier	179.00
160MA	4 inputs into one channel 60W @ 8Ω amplifier	289.00
180MA	4 inputs into one channel 80W @ 4Ω amplifier	459.00
280MA	8 inputs into two channel 80W @ 4Ω amplifier	679.00
1160MA	4 inputs into one 160W @ 4Ω amplifier	599.00
Power Amplifier Only versions (without mixer capability)		
180A	Single-channel 80W @ 4Ω amplifier	369.00
280A	Dual-channel 80W @ 4Ω amplifier	499.00
1160A	Single-channel 160W @ 4Ω amplifier	499.00
Mixer Only models, (no power amplifier sections)		
14M	4-input, 1-output mixer with priority muting, Phoenix inputs	339.00
28M	8-input, 2-output mixer with priority muting, Phoenix inputs	459.00

JBL CSMA SERIES MIXER-AMPLIFIERS

These are highly efficient, fanless 1RU mixer-amplifiers. Available in single channel and two channel models with four or eight inputs, respectively. The front panel features volume controls with an illuminated ring for each channel, master volume adjustment, adjustable bass and treble controls and a power switch. The CSMA series can drive 8Ω and 4Ω loads and can be used with 70V and 100V distributed audio systems. In addition to balanced mic/line inputs, unbalanced RCA inputs and speaker connections, all units include RJ45 connectors for use with JBL CSR-V in-wall volume controls. All models feature a universal power supply which enables the ability to accept AC voltages from 100 to 240 VAC, 50/60Hz.

ITEM	DESCRIPTION	PRICE
CSMA-180	80W, single-channel 4-input mixer-amplifier	449.00
CSMA-1120	120W, single-channel 4-input mixer-amplifier	599.00
CSMA-240	40W, two-channel 8-input mixer-amplifier	519.00
CSMA-280	80W, two-channel 8-input mixer-amplifier	649.00
CSMA-2120	120W, two-channel 8-input mixer-amplifier	739.00

ROLLS CORPORATION MA66 2-ZONE MIXER/AMPLIFIER

This 1RU, 2-zone mixer/amplifier is easy enough for anyone to use, but flexible enough to fill almost any installation requirement. Seven inputs on (4) RCA, (2) XLR, (1) 1/8" and 2 zones plus main output ensure there's plenty of available I/O. This unit also includes individually switchable phantom power on the two XLR mic inputs, zone-assignable "talk-over" circuit with adjustable ducking release and rear panel phoenix connectors for remote control. The cool-running Class 'D' power amp provides 20W of output power per zone.

ITEM	DESCRIPTION	PRICE
MA66	40W 2-zone mixer/amplifier	277.20

QSC CMX SERIES POWER AMPS

All models drive low-impedance loads down to 2 ohms and have barrier strip, XLR and 1/4" TRS inputs, Speakon™ and terminal block outputs. Other features include recessed and detented 1dB gain controls with security covers, as well as recessed rear DIP switches. All models can drive 70V and 100V (CMX300VA is 70V only) systems in bridged mono mode while the 800 and 200 models can drive them in stereo mode (70V only on the 800). The amp section features Class "AB" and Class "H" architecture, and all models also feature a high-current toroidal transformer. All models offer DC current protection systems and automatic current limiting to prevent damage from shorted inputs. All are 2RU tall, except for the CMX2000VA (3RU tall).

MODEL	8Ω/ST	4Ω/ST	70V/ST DRCT DRIVE	70V DRCT DRIVE/BRGD MONO	PRICE
CMX300VA	185W	280W	N/A	600W	567.00
CMX500VA	260W	400W	N/A	1200W	716.00
CMX800VA	450W	650W	400W	2000W	979.00
CMX2000VA	1050W	1600W	2500W	5000W	2059.00

QSC ISA SERIES

Available in either low impedance versions and 25/70/100V versions. Housed in a rugged 3-space rack-mount chassis, features rear controls, XLR and Euroblock inputs and barrier strip for outputs, selectable high pass filters and variable speed fan. The "TI" versions will drive both 4Ω/8Ω loads and high voltage distributed systems on the same channel simultaneously.

ISA450

ISA450 REAR

ITEM	8Ω	4Ω	2Ω	70V	PRICE
ISA280	185W	280W	430W		474.00
ISA300TI	185W	280W	430W	300W	633.00
ISA450	260W	425W	700W		574.00
ISA500TI	260W	425W	700W	500W	731.00
ISA750	450W	650W	1200W		781.00
ISA800TI	450W	650W	1200W	800W	953.00
ISA1350	800W	1300W	2000W	1500W	1475.00

ROLLS PA202 STEREO 20W/CHANNEL AMP

This lightweight and compact Class 'D' amp has 20W per channel stereo @ 4Ω, and 40W when in bridge/mono mode @ 8Ω. The Class 'D' low-heat design enables it to be mounted in very tight applications. Works great in ceilings with projectors, or anywhere small and heat free amplification is required. Has an all-metal chassis and bottom mounts are provided for permanent installations. It has an included 24VDC IEC laptop-type external power supply.

ITEM	DESCRIPTION	PRICE
PA202	Stereo 20W/channel Class 'D' amp	168.75

RADIO DESIGN LABS EZ-MXA20 MIXER AMP

A stereo mixer amplifier with (1) XLR mic input and (2) RCA line inputs. The front panel has level controls for each channel as well as bass and treble controls. It is rated at 10W RMS per channel at with an 8Ω load. Other features include phantom power and switchable speaker impedance (4Ω or 8Ω). The optional TX-70A interface allows the EZ-MXA20 to be used with 70V systems, while the TX-J2 can be used to sum stereo output to a single mono channel.

ITEM	DESCRIPTION	PRICE
EZ-MXA20	Mixer/amp, 3-channel, 2x10W	222.56
TX70A	Speaker level input interface	230.76
TXJ2	Unbalanced input transformer	56.69

RADIO DESIGN LABS HD-MA35/35U, HD-PA35/35U, HD-RE35U STEREO POWER AMPS

All models feature master volume with remote adjustment capability, selectable output impedance, balanced inputs and amplified outputs on terminal blocks, unbalanced input and output via RCA jacks, an analog compressor/ limiter for increased audio fidelity, and more. HD-MA35U, PA35U, and RA35U all use an adjustable automatic sleep mode to conserve energy (HD-PA35A offers manual standby mode); HD-MA35, MA35U, and RA35U also feature manual/automatic vocal priority ducking. RA35U supports remote control (sold separately) via RJ45 jack. All models include power supply.

ITEM	DESCRIPTION	PRICE
HD-PA35	1-input, 35W, low impedance output	206.12
HD-PA35A	As above, for 25V/70V/100V systems	222.56
HD-PA35UA	As HD-PA35A, with sleep mode	230.76
HD-MA35A	3-input, 35W(zone 1)/2W(zone 2), ducking/muting	272.63
HD-MA35UA	4-input, 35W(zone 1)/4W(zone 2), sleep mode, ducking/muting	336.41
HD-RA35U	4-input, 35W(zone 1)/4W(zone 2), sleep mode, ducking/muting, remote controllable	324.36
HD-RA35UA	As above, for 70V/100V systems	336.41
DS-RC3M	Remote audio mixing control with mute function	139.01

RADIO DESIGN LABS EZ-PA20 AND TX-PA40D STEREO POWER AMPS

EZ-PA40D offers 10W RMS per channel into 8Ω, and 8W RMS per channel into 4Ω. Features include switch-selectable load impedance, switch-selectable stereo/mono mode, and integral overload limiter with LED. TX-PA40D offers 20W RMS per channel into 8Ω (40W total), and 15W RMS per channel into 4Ω (30W total). Features include switch-selectable stereo/mono operation, compressor/limiter, LED to indicate audio compression threshold, thermal and short-circuit protection. Includes power cord.

ITEM	DESCRIPTION	PRICE
EZ-PA20	20W stereo audio power amp with power supply	127.14
TX-PA40D	40W stereo audio power amp with power supply	217.92

PA50B

AV-50-2

STEWART AUDIO HALF-RACK AMPS

The AV50-2 has RCA inputs and will accept unbalanced signals (1/4" TRS). The AV25-2 offers RS232 control over volume, as well as music and fire alarm muting. The PA amps are convection-cooled and provide clean power at a great price. With high speed switching power supplies, ultra-efficient circuitry and balanced inputs.

ITEM	DESCRIPTION	PRICE
AV-25-2	Power amp, 25W @ 8Ω/35W @ 4Ω, pole-mountable	179.00
AV-50-2	Power amp, 25W @ 8Ω/50W @ 4Ω, pole-mountable	279.00
PA50B	Power amp, 25W @ 8Ω/50W @ 4Ω	339.00
RMK50	Rackmount kit for AV series, 1RU	22.50
AV-POLE	AV Series pole mount	14.50
RMK-70-D	Rackmount kit for DA series, 2RU	30.00
RMK-70-S	Rackmount kit for DA series, 1RU	22.50
RMK100	Rackmount kit for PA series	22.50

TOA LINE INPUT AMPS

These are for background music and general announcement and ideal for use in bars, retail stores, and banquet rooms. The BG-200 series are 3-input mixer amps and are equipped with MOH out, permitting 2-channel broadcast when used in conjunction with the optional BA-200 series power amps. LINE 2/3 outputs equipped with RCA pin jacks. Removable terminal blocks and rear-mounted DIP switches for fast and easy installation/setup. Auto Mute sensing control for setting mute activation threshold and manual mute function. The BA-200 series offers remote master volume control by using an external volume control, and RCA line input jacks.

BG220CU

BG220CU REAR

ITEM	DESCRIPTION	PRICE
BG220CU	Mixer/amp, 20W, mic/line in, 2 line in, MOH/ZONE 2 out, black, 2RU	CALL
BG235CU	Mixer/amp, 35W, mic/line in, 2 line in, MOH/ZONE 2 out, black, 2RU	CALL
BA235CU	Power amp, 35W, line in, remote volume, black, 2RU	CALL
BA260CU	Power amp, 60W, line in, remote volume, black, 2RU	CALL

A724

A724 REAR

TOA 700 SERIES MIXER/AMPS Features include 6-mic/line inputs, 2 auxiliary line inputs and a 900 Series module port. Speaker outputs consist of 70.7V, 25V and 4Ω. An auxiliary line output can be used for recording or connection to an external booster amplifier. An Auto-Mute function provides voice-activated priority override and channel switching. Other features include channel and master volume controls, bass/treble, processor insert jacks and output level meter. Master volume and power on/off can also be controlled remotely. Short-circuit and thermal protection circuitry ensures extended operation. 5-year warranty.

ITEM	DESCRIPTION	PRICE
A706	60W	CALL
A712	120W	CALL
A724	240W	CALL
MB25B	Rackmount kit	CALL
YA920	Volume control security knob	CALL

DA250FH

DA250FH REAR

TOA DA SERIES AMPS Engineered with independent power supplies for each channel and Class 'D' technology, these amplifiers operate at 85% efficiency and consume almost 1/3 less power than conventional analog amplifiers. A compact, lightweight (14.6 lbs.) 1RU design and ultra-low heat dissipation allow racking up to 5 units without open space between units. Other features include recessed stepped attenuators for precise gain calibration, removable dust filters for easy maintenance, and optional isolation transformer. Input connections are provided via detachable Euro style terminal block (electrically balanced), and outputs are provided on screw terminals (M4) that accept 14-22 AWG wire.

MODEL	(PER CH)	8Ω	4Ω	70V	PRICE
DA250FCU	4-channel amp	170W	250W	N/A	CALL
DA250FHCU	4-channel amp	N/A	N/A	250W	CALL
DA500FHLCU	4-channel amp	550W	N/A	500W	CALL
DA550FCU	4-channel amp	370W	550W	N/A	CALL
DA250DCU	2-channel amp	170W	250W	N/A	CALL
DA250DHCU	2-channel amp	N/A	N/A	250W	CALL

A9060DHM2CU

TOA 9000M2 SERIES MODULAR DIGITAL MATRIX MIXERS/ AMPLIFIERS

These mixer amplifiers provide an all-in-one solution, combining a mixer with DSP and a 10-band parametric EQ, compressor, 4 priority levels of ducking, power amplification, auto-mixing, 8 module ports, and control options for phone paging and noise-sensing. Optional modules can be added to maximum of 8 input x 8 outputs. They accept the same modules used in the original 9000 series as well as some new modules unique to the M2 series. The 9000M2 series adds new remote-control functionality, an enhanced GUI interface and improved serial communication. Programming software is included and the series has a 5-year manufacturer's warranty.

ITEM	DESCRIPTION/OUTPUTS	PRICE
A9060SM2CU	(1) 60W @ 25/70V output, 4Ω/8Ω, (1) line level output built in	CALL
A9120SM2CU	(1) 120W @ 25/70V output, 4Ω/8Ω, (1) line level output built-in	CALL
A9240SHM2CU	(1) 240W @ 70V, (1) line level output built-in	CALL
A9060DHM2CU	(2) 60W @ 70V output, 300Ω preamp out	CALL
A9120DHM2CU	(2) 120W @ 70V output, 300Ω preamp out	CALL
M9000M2CU	Digital matrix mixer only (no amp)	CALL
D001T	Dual-mic/line input module with DSP	CALL
D001R	Dual-line input RCA	CALL
T001T	Dual-line output expansion model with DSP	CALL
ZP001T	Telephone DTMF zone paging module	CALL
C001T	Input/output control expansion module	CALL
AN001T	Ambient noise control module	CALL
AN9001	Ceiling mic for ambient noise control	CALL
ZM9001	Remote switch panel	CALL
ZM9002	Remote volume switch panel	CALL
ZM9003	Zone manager	CALL
SS9001	4-zone speaker selector	CALL
RC001T	RS485 control module	CALL
AD246	Power supply for RC001T	CALL
ZM9011	4 assignable buttons with LED indicators	CALL
ZM9012	Assignable volume controller with LED indicators	CALL
ZM9013	8 assignable buttons with LED indicators	CALL
ZM9014	4 assignable buttons + assignable volume control both with indicators	CALL

BG2120

BG2120 REAR

TOA BG-2000 SERIES MIXER/AMPS The new BG-2000 Series Mixer/Amplifier is a total redesign of BG-1000 Series. They feature a newly-engineered chassis, removable euro-block connectors, assignable MOH/Second Zone source assignment and access to mute priority and other settings via rear panel DIP switches. A module slot accepts optional 900 Series plug-in modules for custom system configurations. A variety of useful muting modes include an Auto-Mute function for voice-activated paging override of the BGM channels without interrupting the MOH output. Inputs include Mic, Line 1/Telephone (euro-block), line 2 and line 3 (RCA and euro-block). Outputs include transformer-isolated 25V and 70V; 4Ω, music-on-hold and line out (euro-block). UL and cUL listed. 5-year warranty. Optional rackmount available.

ITEM	DESCRIPTION	PRICE
BG2035	35W mixer/amp	CALL
BG2060	60W mixer/amp	CALL
BG2120	120W mixer/amp	CALL
MB1000	Rackmount for BG series	CALL

TOA

TOA 900 SERIES COMMERCIAL AMPLIFIERS

The most complete and versatile amplifier line available. All models are modular and require optional input modules to determine the functionality of each input. There are 35 different input modules available. All models will operate at either 70V or 25V, or low impedance. Modules not included.

A912MK2

A912MK2 REAR

TOA A900 SERIES MIXER AMPS These modular mixer/amplifiers are engineered for high performance with wide frequency response, very low noise and distortion, and excellent output regulation. Pre-Out/Power-In jacks allow connection of external signal processing between the mixer and amplifier sections. Come with 8 input module ports, 2 mute circuits, tone controls, remote master level capability, insert point. Please consult input modules listing for list of available modules.

ITEM	DESCRIPTION	PRICE
A903MK2UL	30W mixer amp, 25V/70V/4Ω	CALL
A906MK2UL	60W mixer amp, 25V/70V/8Ω	CALL
A912MK2UL	120W mixer amp, 25V/70V/8Ω	CALL
M900MK2UL	Mixer, no amplifier	CALL
MB25B	Rackmount kit	CALL

TOA INPUT MODULES These modules allow maximum design flexibility. Most are available in a variety of terminal configurations including XLR, RCA, screw and phone jack. Popular versions are listed below, call for others.

ITEM	DESCRIPTION	PRICE
B01ST	Balanced line-in, screw	CALL
B41S	Phone paging/mute module	CALL
L01F	Line matching transformer	CALL
L01S	600Ω balanced line, screw	CALL
L11S	600Ω balanced line with muting, screw	CALL
L41S	600Ω balanced line with signal activated muting, screw	CALL
M01F	Mic input, FXLR	CALL
M01S	Mic input, screw	CALL
M11S	Mic input with muting, screw	CALL
M21S	Microphone preamp module	CALL
M51F	Mic preamp with gate	CALL
M61F	Mic preamp with compressor	CALL
S04ST	Switch selectable tone	CALL
S20S	3-minute digital message/tone with USB	CALL
T01ST	600Ω balanced line output, screw	CALL
U01R	Unbalanced line-in, RCA	CALL
U01ST	Unbalanced line-in, screw	CALL
U03R	Stereo RCA input with HP/LP filters	CALL
U11R	Unbalanced line-in, muting, RCA	CALL
U11ST	Aux preamp module	CALL
U14R	Dual input priority with AGC	CALL
U21S	Aux input module	CALL
V01S	Remote VCA master volume	CALL

P912MK2

P912MK2 REAR

TOA P-900 SERIES POWER AMPS These are modular single-channel power amplifiers for paging, background/foreground music distribution and music/messaging-on-hold. All feature one 900 Series input module slot for custom system configuration. All include 25V, 70V and 8Ω transformer-isolated speaker outputs with screw terminal connector and protective cover plate, and a 5-year warranty. Please consult input modules listing for list of available modules.

ITEM	DESCRIPTION	PRICE
P906MK2UL	60W power amplifier, 2RU	CALL
P912MK2UL	120W power amplifier, 2RU	CALL
P924MK2UL	240W power amplifier, 3RU	CALL
MB25B	Rackmount kit for P906/P912	CALL
MB35B	Rackmount kit for P924	CALL

YAMAHA

XMV4280

XMV4280 REAR

YAMAHA XMV SERIES POWER AMPLIFERS These amps combine Class 'D' efficiency with flexible I/O connectivity for use in a wide range of environments. All feature the new Double Power Mode, which doubles the output power of selected channels, and they can operate in both high-impedance (4Ω/8Ω) and low-impedance (70V/100V) modes simultaneously, reducing the need for additional equipment. All provide networking compatibility for easy setup and integration; XMV4140 and XMV4280 use YDIF protocol and XMV4280-D and XMV4140-D use Dante protocol.

ITEM	4Ω/8Ω	100V/70V	DOUBLE POWER MODE 4Ω/8Ω	PRICE
XMV4280	4x280W	4x250W	2x560W	COMING SOON!
XMV4140	4x140W	4x125W	2x280W	COMING SOON!
XMV4280-D	4x280W	4x250W	2x560W	COMING SOON!
XMV4140-D	4x140W	4x125W	2x280W	COMING SOON!

YAMAHA XH200 POWER AMP FOR 70V/100V SYSTEMS A 2-channel high-impedance power amplifier 200W/24Ω @70V, 200W/48Ω @100V. Current switching allows for a compact and lightweight design in a 2RU. Highly precise dB display detented attenuators, dedicated to each channel, are located on the front panel. Equipped with XLR and Euroblock inputs and barrier strip terminal outputs, monitor/remote terminals and a subsonic filter.

ITEM	DESCRIPTION	PRICE
XH200	70V amplifier (200W)	685.67

CA1

CA1 REAR

CV1

CA1T

YORKVILLE COLISEUM INSTALLATION AMPS The CA1/CA1T mixer amps have 6 inputs, 3 on XLR/1/4" combo jacks with user selectable phantom power. There are also 2 attenuated RCA unbalanced inputs and a telephone interface. Capable of driving a 4Ω speaker load or 4 separate 70V speaker systems (1 "system" per zone), these amps deliver 180W (mono) and include a pre-amp output. The CA1T model adds a built-in AM-FM tuner. The CV1 speaker volume control allows remote volume control of individual channels.

ITEM	DESCRIPTION	PRICE
CA1	70V installation mixing amplifier, 180W, 4Ω and 70V outputs	299.00
CA1T	70V installation mixing amplifier with AM-FM tuner	399.00
CV1	9-position, 70V in-wall speaker volume control for up to 35W/channel	40.00